

ISO/IEC JTC 1/SC 35 N 2160

DATE: 2014-07-10

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| **ISO/IEC JTC 1/SC 35**  **User Interfaces**  **Secretariat: AFNOR** |

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RESOLUTIONS  
adopted by SC 35 at its Plenary meeting  
2014-07-07/10 in Hángzhōu, China

## The following member bodies were represented:

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| --- | --- | --- |
| Canada | SCC | P-Member |
| China | SAC | P-Member |
| France | AFNOR | P-Member |
| Japan | JISC | P-Member |
| Korea | KATS | P-Member |
| Sweden | SIS | P-Member |
| United States | ANSI | P-Member |

## Resolutions

1. Management of documents, agendas and meetings (General)

ISO/IEC JTC 1/SC 35:

* requests that documents (contributions, new drafts) for discussion at the next meeting should be made available by a deadline set to three weeks ahead of the meeting;
* recognizes that documents submitted after the deadline might not be discussed during the meeting, except for information purposes;
* sets the deadline for consideration of documents at the 2015 January meeting to 2014-12-15 at the latest.
  + Adopted by consensus

1. Appointment of convenor for WG4 (General)

ISO/IEC JTC 1/SC 35:

* thanks Dr Yoshikazu Yamamoto for acting as convenor of the recent WG 4 meetings;
* thanks JISC for proposing Dr Yoshikazu Yamamoto as convenor of WG 4 and
* appoints Dr Yoshikazu Yamamoto as convenor of WG 4 for a 3-year term.
  + Adopted by consensus with applause

1. Renewal of terms for WG1, WG2, WG6 and WG7 convenors (General)

ISO/IEC JTC 1/SC 35

* Pending confirmation by their respective national bodies,
* Renews for a 3-year term :
  + Mr. Alain LaBonté as convenor of WG 1
  + Dr. Yoshikazu Yamamoto as convenor of WG 2
  + Pr. Jim Carter as convenor of WG 6 and WG 7.
  + Adopted by consensus with applause

1. Progress of DIS 30113-1 "Information technology -- Gesture-based interfaces across devices and methods -- Part 1: Framework" to FDIS (WG 1)

ISO/IEC JTC 1/SC 35 :

* Acknowledges the positive result of the DIS 30113-1 vote (N 2165);
* Approves the disposition of technical comments (N 2163);
* Requests the editor Dr Hyuk Jeong to address the editorial comments received during the DIS ballot;
* Instructs the editor of project 30113-1 to produce a new document including these changes and to send it to the WG 1 and WG 6 lists no later than 2014-08-31;
* Asks WG 1 and WG 6 experts to review the document and provide comments no later than 2014-09-30;
* Instructs the editor to send the final document to the SC35 Secretariat before 2014-10-08;
* Requests the Secretariat to submit the document to ITTF for FDIS ballot by 2014-10-15.
  + Adopted by consensus

1. Progress of WD 30113-11 "Information technology -- Gesture-based interfaces across devices and methods --  
   Part 11: Single-point gestures for common system actions" to CD (WG 1)

ISO/IEC JTC 1/SC 35:

* Instructs the Editor of project 30113-11 Pr Jee-In Kim to produce a new draft encompassing changes conformant to the discussion held at the Hangzhou meeting, before 2014-09-08 and send it to WG 1 and WG 6 lists for review until 2014-09-30;
* Instructs the Editor to send the resulting document to the Secretariat before 2014-10-08;
* Asks the secretariat to submit this document to 2-month CD-ballot no later than 2014-10-15.
  + Adopted by consensus

1. Subdivision of 30113 work and creation of 30113-51 "Information technology -- Gesture-based interfaces across devices and methods --  
   Part 51: Single-point gestures for web browsing" (WG 1)

ISO/IEC JTC 1/SC 35:

* Recalls Resolution 2013.51 on the structure of the 30113 standards series.
* Resolves to subdivide work under 30113 to create a new project numbered 30113-51 and titled "Information technology -- Gesture-based interfaces across devices and methods --  
  Part 51: Single-point gestures for web browsing", to be published as an International Standard;
* Appoints Dr Hyuk Jeong as Editor of 30113-51;
* Instructs the Editor to produce a working draft no later than 2014-12-15, with the goal that it be sent to CD ballot after the next meeting.
  + Adopted by consensus,

1. Preparatory work on Gesture Interface Markup Language (GIML) (WG 1)

ISO/IEC JTC 1/SC 35:

* Notes that the previous name for this work was UIML, however this acronym is already in use in other communities for other purposes;
* Acknowledges the new presentation made in Hangzhou by Dr. Sunghan Kim on Gesture Interface Markup Language (GIML) to WG 1 (N 2161);
* Considers that this work can be integrated in the 30113 series of standards when SC 35 will have agreed that sufficient progress has been made towards publishing other parts;
* Asks Dr Sunghan Kim to produce, no later than 2014-12-15, a draft NP and a working draft, which can be proposed for NP ballot as early as after the next meeting, pending consensus from WG 1 members;
* Requests its Secretariat to register a Preliminary work item titled "Information technology – User interfaces -- Gesture-based interfaces across devices and methods – Part xx: Gesture Interface Markup Language (GIML)".
  + Adopted by consensus

1. Progress of DIS 9995-11 "Information technology — Keyboard layouts for office systems — Part 11: Functionality of dead keys and repertoires of characters entered by dead keys" to publication (WG 1)

ISO/IEC JTC 1/SC 35:

* Acknowledges that DIS 9995-11 was accepted with no negative vote nor comments received (N 2142);
* Asks the secretariat to submit the document to ITTF for publication as International standard no later than 2014-07-25.
  + Adopted by consensus, US abstains

1. Status of ISO/IEC 9995-9 – Multilingual-usage, multiscript keyboard group layouts (WG 1)

ISO/IEC JTC 1/SC 35:

* Reminds the Secretariat and SC35 Chair to continue to monitor the publication date of this due International Standard;
* Asks the Secretariat to inform members as soon as this date is known, and at the latest on 2014-08-31. This follows up with resolution 2014.02.
  + Adopted by consensus, US abstains

1. Systematic review of various parts of ISO/IEC 9995 published in 2009 (WG 1)

ISO/IEC JTC 1/SC 35:

* Calls its member bodies to pay special attention to the systematic review of ISO/IEC 9995-1, -2, -4, -5, -7, -8 to be initiated 2014-10-15, assessing their use and/or adoption as national standards in their respective countries;
* Reminds that one of the purposes of a systematic review is to assess market relevance of International Standards, and if the international market relevance of 9995 parts is not reflected in NSB systematic review votes, there is a risk that these parts will be withdrawn.
  + Adopted by consensus, US abstains

1. Progress of DTR 15440 "Information technology – User interfaces – Future Keyboards, and other input devices and entry methods" to publication (WG 1)

ISO/IEC JTC 1/SC 35:

* Acknowledges that DTR 15440 was accepted with no negative vote nor comments received (N 2151);
* Notes that editorial changes to the graphics concerning Korean keyboards need to be applied;
* Requests the Editor of project 15440 Mr Keld Simonsen to implement these changes no later than 2014-07-18;
* Asks the secretariat to submit the document and revised graphics to ITTF for publication as Technical report no later than 2014-07-25.
  + Adopted by consensus

1. Progress of the Minor revision of ISO/IEC 13251 “Collection of graphical symbols for office equipment" (WG 2)

ISO/IEC JTC 1/SC 35:

* Recalls its decision to undertake a Minor revision of ISO/IEC 13251 in accordance with JTC 1 Standing document 8, Clause 2, paragraph 3 (SC 35 Resolution 2014.08);
* Requests the project editor Pr. Em. Hiroaki Ikeda to prepare the new draft of the document and send it to the Convenor no later than 2014-12-15;
* Requests the Convenor to upload the document to the Content Server for review by WG 2 members;
* Requests WG2  to discuss the document at the next meeting with the following perspective:
  + submission of the draft to SC 35 for a 2-month internal committee ballot;
  + pending approval, submission of the draft to ITTF for direct publication as ISO/IEC 13251:2015.
  + Adopted by consensus, US abstains

1. Handling of NP 17549-1 “Information technology – User interface guidelines on menu navigation – Part 1: Framework and convergence matters” (WG 4)

ISO/IEC JTC 1/SC 35:

* Recognizes that the NP 17549-1 was not successful for reasons of participation (N 2152);
* Notes that no negative vote was received;
* Notes that discussions held during the SC 35 Plenary and its WG meetings show that some member bodies may be interested in developing a similar project in the future;
* Reminds that 17549-1 is designed to form a consistent 17549 standards series with Part 2 currently under DIS ballot;
* Requests Mr Jaeil Song and Dr Denis Chêne to put forward, no later than 2014-12-15, a new working draft and NP document reflecting comments made as well as the evolving state of the art, and send them to the Convenor for circulation to WG 4;
* Requests WG 4 to discuss the document at its next meeting in the perspective of a new NP vote after the next meeting;
* Recognizes the active participation of Mr Jaeil Song and Dr Denis Chêne and will consider nominating them as project editor and co-editor, pending proposals by their respective national bodies.
  + Adopted by consensus, US abstains

1. Progress of DTR 30109 "Information Technology -- User Interfaces -- Worldwide availability of personalized computing environments" to publication (WG 5)

ISO/IEC JTC 1/SC 35:

* Acknowledges that DTR 30109 was accepted (N 2149);
* Accepts the disposition of comments including editorial changes to the introduction and abstract of the draft (N 2163);
* Requests its Secretariat to submit the draft to ITTF for publication as Technical Report no later than 2014-07-25.
  + Adopted by consensus, US abstains

1. Possible revision of ISO/IEC TR 30112 "Information technology -- Specification methods for cultural conventions" (WG 5)

ISO/IEC JTC 1/SC 35:

* Encourages Mr Keld Simonsen, Editor of project 30112, to put forward a revised version of TR 30112:2014 at the next WG 5 meeting, with the objective of proposing an NP for revision of this document as an International Standard after the next meeting.
  + Adopted by consensus, US abstains

1. Prospective liaison with International organisation of *La Francophonie* (IOF) (WG 5)

ISO/IEC JTC 1/SC 35:

* Considering the worldwide involvement of IOF in endeavours to enhance cultural and linguistic diversity;
* Wishes to establish a Category A liaison with IOF;
* Requires its Secretariat to invite IOF to consider a Category A liaison request to SC 35;
* Requests its secretariat to take steps to establish a Category C liaison with WG 1 and WG 5 if a Category A liaison could not be established;
* Invites its members to consider making contacts with similar organisations in other linguistic/cultural communities.
  + Adopted by consensus, US abstains

1. Handling of NP 30122-2 "Information Technology – User Interfaces -- Voice commands – Part 2: Procedures for constructing and testing" and NP 30122-3 "Information Technology -- User Interfaces -- Voice commands – Part 3: Translation and localization of voice commands" (WG 5)

ISO/IEC JTC 1/SC 35:

* Recognizes that the NP 30122-2 and NP 30122-3 were not successful for reasons of participation (N 2153 and N 2154);
* Notes that no negative vote was received;
* Notes that discussions held during the SC 35 Plenary and its WG meetings show that some member bodies may be interested in developing similar projects in the future;
* Reminds that 30122-2 and 30122-3 are designed to form a consistent 30122 standards series with Part 1 and Part 4, currently under DIS ballot;
* Requests Dr Yoshikazu Seki to take into account the comments received during the Plenary and WG meetings as well as the evolving state of the art, and send a new NP+CD draft no later than 2014-10-01 to the Secretariat;
* Requests the Secretariat to open the joined NP and CD ballot no later than 2014-10-08, in order for the results to be discussed at the next WG meeting.
  + Adopted by consensus, US abstains

1. Preliminary work on Face-to-face translation (WG 5)

ISO/IEC JTC 1/SC 35:

* Acknowledges the new presentation made in Hangzhou by Dr. Miran Choi on Face-to-Face translation (N 2157 and N 2158);
* Asks Dr Miran Choi to produce NP form and draft outline, no later than 2014-07-31, and to send them to WG 5 and WG 6 lists for review until 2014-09-15;
* Instructs Dr Miran Choi to send the resulting documents to the Secretariat before 2014-10-01;
* Asks the secretariat to submit these documents to 3-month NP ballot no later than 2014-10-08.
  + Adopted by consensus, US abstains

1. Nomination of a co-editor for project 13066-4 "Information Technology -- Assistive Technology Interoperability -- Part 4: Linux/UNIX graphical environments accessibility API" (WG 6)

ISO/IEC JTC 1/SC 35:

* Appoints Mr Norm Hodne as co-editor of project 13066-4.
  + Adopted by consensus

1. Progress of DTR 13066-4 "Information Technology -- Assistive Technology Interoperability -- Part 4: Linux/UNIX graphical environments accessibility API" to publication (WG6)

ISO/IEC JTC 1/SC 35:

* Notes that editorial changes to the graphics need to be applied;
* Requests the Co-Editor Mr Norm Hodne to apply these changes in cooperation with the Secretariat no later than 2014-07-30;
* Asks its Secretariat to send the resulting 13066-4 document to ITTF for publication no later than 2014-08-30.
  + Adopted by consensus

1. Progress of NP TR 13066-2 "Information Technology -- Assistive Technology Interoperability -- Part 2: Windows accessibility API" to DTR (WG 6)

ISO/IEC JTC 1/SC 35:

* Acknowledges that NP 13066-2 was successful (N 2143);
* Agrees that project 13066-2 has reached an appropriate level of consensus and recommends that the PDTR stage be skipped and that the draft be sent out for DTR Ballot.;
* Requests its Secretariat to submit the draft to DTR ballot no later than 2014-08-30, unless procedures require submission as PDTR, in which case a PDTR is to be submitted to a 2-month ballot no later than 2014-07-25.
  + Adopted by consensus

1. Preliminary work on Barcode interfaces for persons with visual impairments (WG 6)

ISO/IEC JTC 1/SC 35:

* Acknowledges the presentation of Pr Sukil Kim and Pr Hong-Ki Min on preliminary work on Barcode interfaces for persons with visual impairments (N 2162) and looks forward to a further presentation at the next WG 6 meeting.
  + Adopted by consensus

1. Preparation for the next meeting (All)

ISO/IEC JTC 1/SC 35:

* requests the SC 35 Chair and the SC 35 Secretary ensure that information on the next SC35 Working group meetings is provided according to ISO directives to facilitate both face-to-face and remote participation in the meetings. This includes ensuring that Working group draft agendas are posted 6 weeks ahead of their meetings. They are to be revised whenever necessary but no later than one week ahead of the meeting date;
* Requests that a detailed schedule of meetings (including allocation of major discussion topics within the WG meetings) is created in agreement with WG Convenors and posted as an N-numbered document no later than 2014-12-15 in advance of the start of the SC 35 Working group meetings.
  + Adopted by consensus

1. Future meetings (All)

ISO/IEC JTC 1/SC 35 resolves to hold its future meetings as follows:

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| --- | --- | --- |
| 2015-01-19/23 | GOM | Copenhagen or Marrakech  The meeting location shall be confirmed by 2014-07-31 |
| 2015-08-31/09-04 | SC 35 and Working groups | Japan (Hokkaido) |
| 2016-01 | GOM | Italy or Switzerland (tentative) |
| 2016-06 | SC 35 and Working groups | USA (tentative) |

SC 35 further requests the Secretariat is requested to issue a formal calling notice as an N-Document for every meeting regardless of their status.

The dates and locations for 2016 shall be decided at the next GOM meeting

* + Adopted by consensus

## Appreciations

1. Special appreciation and homage to Mr Yoshihide Nakao

ISO/IEC JTC 1/SC 35 has learned with extreme sadness the news of Mr Yoshihide Nakao's passing away. Mr Nakao has been a constant and dedicated contributor to SC 35 as WG 4 convenor, member of the Japanese delegation, and as a friend. In addition to his work in SC 35, he will be remembered for his joyful character and humble demeanor.

ISO/IEC JTC 1/SC 35 wishes to extend WG 4, the Japanese delegation and all of Mr Nakao's loved ones our sincerest condolences.

1. Appreciation to the Chairman

ISO/IEC JTC 1/SC 35 thanks Dr. Khalid Choukri for his kind and excellent conduct as Chairman of SC 35.

1. Appreciation to the convenors

ISO/IEC JTC 1/SC 35 thanks Mr. Alain LaBonté (WG 1), Dr. Yoshikazu Yamamoto (WG2 and WG4), Mr. Thibault Grouas (WG 5), and Pr. Jim Carter (WG 6 and WG 7) for their kind and excellent conduct.

1. Appreciation to the Drafting committee

ISO/IEC JTC 1/SC 35 thanks Dr Khalid Choukri, Mr Thibault Grouas, Mr Norm Hodne, Dr Hyuk Jeong, Mr Alain LaBonté, Mr Philippe Magnabosco, Dr Monique Mai, Dr Yoshikazu Seki, Mr Keld Simonsen, and Dr Yoshikazu Yamamoto for their participation in the Drafting committee.

1. Appreciation to presenters and contributors

ISO/IEC JTC 1/SC 35 thanks

* Dr Sunghan Kim for his presentation on Gesture Interface Markup Language (GIML);
* Dr Miran Choi for her presentation on "Face-to-face speech translation";
* Mr Thibault Grouas for his presentation on Internationalisation with LinkedData (JocondeLab);
* Pr Sukil Kim and Pr Hong-Ki Min for their presentation on preliminary work on Barcode Interfaces for Persons with Visual Impairments.

1. Appreciation to the Japanese member body

ISO/IEC JTC 1/SC 35 thanks the Japanese member body for extending an invitation to SC 35 to hold its 2015 Plenary and Working groups meetings on short notice.

1. Appreciation to Standards Authority of China (SAC), China Electronics Standardisation Institute (CESI) and our host Zhèjiāng University.

ISO/IEC JTC 1/SC 35 thanks Standards Authority of China for inviting the SC 35 Plenary, China Electronics Standardisation Institute for conveying SAC's invitation and supporting the organisation and the delegates of the Plenary, and Zhèjāng University for hosting the Plenary and Working group meetings.

ISO/IEC JTC 1/SC 35 particularly wishes to thank Pr. Jiajun Bu, Pr. Can Wang, Qinqin Zhang, Wei Wang, Dr. Xiaofan Wu, Zhi Yu, Sheng Zhou, Shiyun Li, Meiyan Li, and Kai Li (ZhèJiāng University) as well as Jinghua Zhao and Xing Fan (CESI).

卜佳俊、王灿、张勤勤、王玮、吴晓凡、于智、周晟、李诗云、李美艳、李凯 (浙大)；

赵菁华、樊星 （中国电子技术标准化研究院）。

* + Appreciations reviewed with Applause

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